

10/522993

DT05 PCT/PTO 02 FEB 2005

Docket No.: 12810-00013-US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Jens Weiguny et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: METHOD FOR PRODUCING MALEIC  
ANHYDRIDE

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Customer Window  
U.S. Patent and Trademark Office  
Randolph Building  
Alexandria, Virginia 22314

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A copy of each Non U.S. Patent reference on the PTO/SB/08 is attached.

A summary/abstract translation of non-English language reference WO 02/12158 is enclosed.

Application No.: Not Yet Assigned

DTG: [REDACTED] c'd PCT/PTO 02 FEB 2005  
Docket No.: 12810-00013-US

The U.S. counterparts of DT-25 39 106-A1 and WO-01/68626-A1 (i.e., 2003/0065194 A1 and 3,919,357, respectively) are enclosed.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 12810-00013-US. A duplicate copy of this paper is enclosed.

Dated: Feb. 2, 2005

Respectfully submitted,

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Substitute for form 1449A		Date if Known: 02 FEB 2005 Application Number: Not Yet Assigned Filing Date: Concurrently Herewith First Named Inventor: Jens Weiguny et al. Art Unit: N/A Examiner Name: Not Yet Assigned Attorney Docket Number: 12810-00013-US	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)			
Sheet	1	of	1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-2003/0065194 A1	04-03-2003	Weiguny et al.	
	AB	US-3,919,357	11-11-1975	Milberger et al.	
	AC	US-4,795,818	01-03-1989	Becker et al.	
	AD	US-4,933,312	06-12-1990	Haddad et al.	
	AE	US-5,095,125	03-10-1992	Haddad et al.	
	AF	US-5,137,860	08-11-1992	Ebner et al.	
	AG	US-5,158,923	10-27-1992	Barone	
	AH	US-5,168,090	12-01-1992	Ebner et al.	
	AI	US-5,275,996	01-04-1994	Andrews et al.	
	AJ	US-5,296,436	03-22-1994	Bortinger	
	AK	US-5,641,722	06-24-1997	Mitchell et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	DT-25 39 106-A1	03-17-1977	The Standard Oil Co.		
	BB	EP-0 099 431-A1	02-01-1984	Standard Oil Company		
	BC	EP-0 593 646-B1	04-27-1994	Huntsman Petrochemical Corporation		
	BD	EP-0 752 915-B1	01-15-1997	E.I. Du Pont de Nemours and Company		
	BE	WO-93/01155	01-23-1993	Monsanto Company		
	BF	WO-95/26817	12-10-1995	E.I. Du Pont de Nemours and Company		
	BG	WO-97/12674	04-10-1997	Huntsman Petrochemical Corporation		
	BH	WO-01/68626-A1	09-20-2001	BASF Aktiengesellschaft		
	BI	WO-02/12158-A2	02-14-2002	MG Technologies AG		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CB	WELLAUER et al., Optimal Policies in Maleic Anhydride Production Through Detailed Reactor Modeling, Chem Eng Science, 1986, 41(4):765-772, Great Britain.	
	CC	LOHBEK et al., Maleic and Fumaric Acids - Maleic Anhydride (MA), 2000 Electronic Release, Ullmann's Encyclopedia of Industrial Chemistry, Sixth Ed.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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